

## Calendar

### Tuesday, April 12

**2:30 p.m.** Special Joint Experimental Theoretical Physics Seminar - 1 West  
Speaker: U.-K. Yang, University of Chicago

Title: Top Quark Mass Measurement at CDF

### 3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

### Wednesday, April 13

**10:00 a.m.** Research Techniques

Seminar - Curia II

Speaker: J. Link, Columbia University

Title: Searching for Reactor Neutrino Oscillations at Braidwood

**11:00 a.m.** Fermilab ILC R&D Meeting - (NOTE LOCATION) Curia II

Speaker: T. Lackowski, Fermilab

Title: Conventional Facilities Status Update

Speaker: E. Vaandering, Vanderbilt University

Title: Collaboration Tool

**2:00 p.m.** Proton Driver General Meeting - (NOTE LOCATION) Curia II

Speaker: R. Ray, Fermilab

Title: Muon Physics at the Proton Driver

Speaker: D. Wildman, Fermilab

Title: Coaxial RF Phase Shifter R&D

### 3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

**4:00 p.m.** Fermilab Colloquium - 1 West

Speaker: S. Koonin, BP p.l.c.

Title: A Physicist's View of the World's Energy Situation

## Barletta of Berkeley Lab Named Director of USPAS

William Barletta, the head of Berkeley Lab's Accelerators and Fusion Division, was announced as the new director of the U.S. Particle Accelerator School on March 1, 2005. The USPAS is a consortium of nine national laboratories and two universities, administered and headquartered at Fermilab that holds classes at universities around the country.

Barletta has served as the chair of the USPAS' board since 1994. The first USPAS

classes were in 1983 and were attended by physicists and engineers from the

national laboratories. But at the most recent course at San Francisco University, up to half of the classes' 175 participants were graduate students. "This shows that students really think there is a future and jobs in accelerator science," said Barletta.

Barletta hopes to establish 20 new summer internships at various DOE laboratories. Barletta views these new positions as a good thing for both students and labs. "Students will get a chance to spend a lot of time and gain valuable experience on actual accelerators," he said, "while this would be a reward for the laboratories that help pay for the school." Barletta also hopes to add classes in laser technology. "I feel the USPAS is a successful model of instruction, as well as an important link to



Bill Barletta (Photo courtesy of Pier Oddone)

## Director's Corner

### Good Morning!

It is spring at Fermilab. It seemed that the grass turned green all in one day. As you can see on our [bird sightings Web site](#), the Yellow-rumped Warbler and the Brown Thrasher have just shown up. The Rusty Blackbird has been around for a while, but is about to move on.



Mike Witherell

A new feature this spring compared to the last three is the larger number of weekend visitors on our site. About three and a half years ago, we tightened the security for the entire Fermilab site. One of the most dramatic changes was the reduction in the number people taking advantage of Fermilab's natural attractions, especially in good weather. Over time we made some changes to accommodate certain classes of visitors.

This changed for the better on January 24, when we started to operate under a new security plan. People can now drive to the most popular recreational locations without the need for visitors' passes. Certain specific workplaces are identified as property protection areas, where ID badges are required.

Establishing separate rules for these different parts of the site makes it possible for many more visitors to enjoy Fermilab. This reestablishes a connection that is important for the surrounding

## Weather



Rain 56°/35°

[Extended Forecast](#)

[Weather at Fermilab](#)

## Current Security Status

[Secon Level 3](#)

## Wilson Hall Cafe

### Tuesday, April 12

Creamy Turkey Vegetable soup

Popcorn Shrimp Hoagie \$4.75

Salisbury Steaks w/ Mushroom au Jus  
\$3.75

Chicken Cacciatore \$3.75

Smoked Turkey Breast on Homemade  
Focaccia \$4.75

Philly Cheese Stromboli \$3.25

Chipotle Chili & Queso Nachos Supreme  
\$4.75

The Wilson Hall Cafe now accepts Visa,  
Master Card, Discover and American  
Express at Cash Register #1.

[Wilson Hall Cafe Menu](#)

[Chez Leon](#) is now open. Call x4512 to  
make your reservation.

## Search

Search the Fermilab Today Archive

## Info

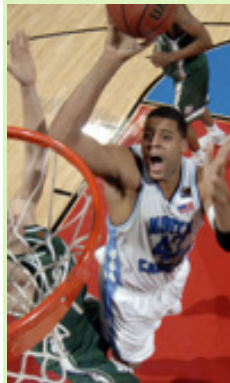
the academic community," he said.

Barletta received his Ph. D. in high energy physics from the University of Chicago in 1972. He has taught at Yale and UCLA, and conducted research at Berkeley and Livermore laboratories.

- *Eric Bland*

## CDF Tips DZero For Title In Fermilab NCAA Bracket

The University of Illinois Fighting Illini carried the dreams of their fans and CDF to the NCAA Men's National Championship game in St. Louis last Monday, April 4, where they were defeated by the University of North Carolina, 75-70. CDF, with tournament representation from Illinois, Wisconsin, Pittsburgh, Penn. State, UCLA, Duke, Michigan State, and Florida, came in with a combined record of 16-8 (.667). DZero had a final record of 11-6 (.647) with Arizona, Washington, Michigan State, Kansas, Iowa State and Oklahoma. When Texas, Pittsburgh, Minnesota, and Stanford all lost in the first round, MINOS



Sean May led UNC to the national championship. (Photo Courtesy of the University of North Carolina)

For the men's division, the stats show that QuarkNet schools are less likely than other schools to lose in the first round, and are more

collaborators pinned their championship hopes on Wisconsin, which fell in the Elite Eight. MINOS ended with a 3-5 record.

Fermilab's Education Office has tabulated the results on the success of QuarkNet and non-QuarkNet schools from the past seven tournaments.

community and for Fermilab.

## Accelerator Update

### April 8 - April 11

- During this 72 hour period Operation established two stores that provided the experiments with approximately 42 hours and 22 minutes of luminosity
- A Recycler-only store quenched before it was established
- Booster had East Anode power supply problems

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

## Announcements

### Spring Book Fair - April 27-28

Fermilab Recreation will sponsor the Spring Book Fair, hosted by Books are Fun, in the Atrium on Wednesday, April 27 from 10:00 AM until 6:00 PM and on Thursday, April 28 from 7:00 AM until 3:00 PM. Books are Fun will be offering a new selection of hard cover books with savings of up to 70%. The Book Fair features in excess of 200 titles — Cookbooks, General Information Books, Inspirational Books, Children's Books, Bestsellers and more. They also offer a special section of photo albums, cards and gift items. The Book Fair will accept cash, personal check, MasterCard, Visa, American Express and Discover card. A portion of the proceeds from the Book Fair subsidizes some of our Recreation Programs.

[more information](#)

**Children's Swim Lessons; Registration Begins in May** The YMCA will again be conducting Children's Swim Lessons at Fermilab. Lessons are open to children of

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<http://www.fnal.gov/today/>

Send comments and suggestions to

[today@fnal.gov](mailto:today@fnal.gov)

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likely than other schools to win three or more games ( $\chi^2 = 7.05$ ,  $df = 3$ ,  $p = 0.0704$ ). QuarkNet schools in the women's national tournament are less likely than other schools to lose in the first round and are more likely than other schools to win exactly two games, reaching the Sweet Sixteen and then losing ( $\chi^2 = 15.2$ ,  $df = 3$ ,  $p = 0.00169$ ). Spencer Pasero and fellow Education Office statisticians are now working hard to improve the correlation between QuarkNet schools and tournament success.

- Eric Bland

### In the News

#### From the *Washington Post*, April 10, 2005

##### Our Incredible Shrinking Curiosity

By Rick Weiss

"Bones, there's a -- thing -- out there," Captain James T. Kirk says to starship physician Leonard McCoy in the 1979 film, "Star Trek: The Motion Picture." That "thing," it turns out, is a huge cloud of intelligence with some kind of object at its core -- an object that calls itself "Veeger."

"Veeger" -- actually "V . . . ger" -- proves to be the spacecraft Voyager, launched from Earth some 300 years earlier. The letters "oya" have been obscured by space grime so that the computerized device has long ago forgotten its full name. But like the ultimate Timex watch, it is still ticking.

[read more](#)

employees, users, and approved contractors ages 4 yrs. to 12 yrs. Lessons will be taught in two-week sessions, Monday through Thursday, with Fridays reserved for make-up classes. Preschool classes (age 4 & 5) will be 30 minutes in length and cost \$40.00 per child/per session. The cost for all other classes is \$45.00 per child/per session. Registration must be made through the Recreation Office by completing a registration form and returning the completed form with the appropriate payment to the Recreation Office, WH15W, M.S. 126. Payment may be made by cash, check, or credit card (Visa or Mastercard). There is a STRICT registration deadline for each session at noon the Thursday prior to the start of the session. More information and dates of the sessions can be found on the [Recreation web page](#).

### [Upcoming Activities](#)